

GB2312611

Publication Title:

Non-tip disposable drinks cup

Abstract:

Abstract of GB2312611

A non-tip disposable cup or mug, suitable for holding liquids such as soup, has walls which taper from the lower region to the upper region such that the base is wider than the top rim and the cup or mug has a low centre of gravity. Preferably the cup or mug is formed of man-made material such as polypropylene or polystyrene so that the cup is suitable for use in a microwave or refrigerator. Preferably the base has rounded edges which help the cup or mug to rest on uneven surfaces.

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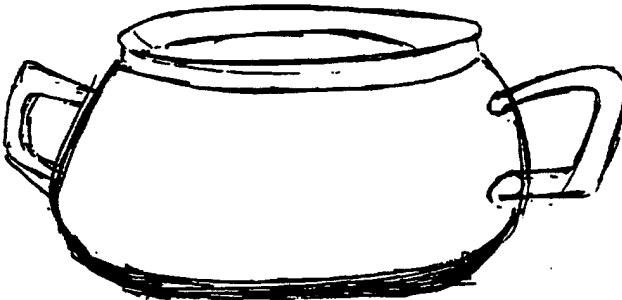
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(72) Inventor(s) David Charles Beck	(58) Field of Search UK CL (Edition O) A4A AN APH AWA INT CL ⁶ A45F 3/16 3/20 , A47G 19/00 19/02 19/03 19/22 , A47J 47/00 , B65D 1/26 3/06 Online: WPI
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(54) Non-tip disposable drinks cup

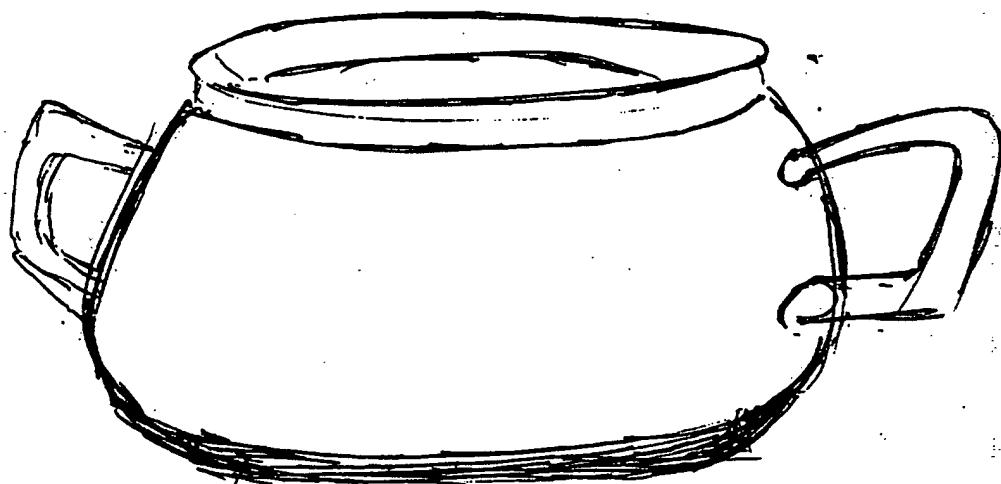
(57) A non-tip disposable cup or mug, suitable for holding liquids such as soup, has walls which taper from the lower region to the upper region such that the base is wider than the top rim and the cup or mug has a low centre of gravity. Preferably the cup or mug is formed of man-made material such as polypropylene or polystyrene so that the cup is suitable for use in a microwave or refrigerator. Preferably the base has rounded edges which help the cup or mug to rest on uneven surfaces.



GB 2 312 611 A

11

NON TIP DISPOSABLE DRINK CUP.
FOR SOUP.



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NON TIP DISPOSABLE DRINK CUP
FOR SOUP.

THIS INVENTION RELATES TO A NON-TIP DISPOSABLE DRINK CUP OR MUG.. FOR SOUP.

DISPOSABLE HOT DRINK AND DRINKING CUPS EXIST BUT ARE DESIGNED WITH STACKING AND STORAGE IN MIND, THEY TAPER FROM THE TOP TO THE BOTTOM IN ORDER THAT THEY SHOULD FIT INSIDE ONE ANOTHER. WHEN THEY ARE FILLED THEY BECOME TOP HEAVY AND WILL EASILY FALL OVER ESPECIALLY WHEN PLACED ON AN UNEVEN SURFACE (E.G. GRASS OR SAND) OR. PLACED ON THE TABLE ON A MOVING TRAIN OR. COACH OR. THE FLOOR OF A MOVING MOTOR CAR.

SHAPED CUPS AND MUGS. JUST LIKE OUR INVENTION DO ALREADY EXIST BUT ARE MADE FROM PORCELAIN STONWARE OR. METAL AND ARE USUALLY DESIGNED THUS FOR THEIR APPEARANCE THERE IS NOT A DISPOSABLE CUP/MUG OF THIS SHAPE.

THIS INVENTION IS DESIGNED TO REDUCE THE CHANCES OF SPILLAGE AND TO REMOVE THE POSSIBILITY OF IT. TIPPING UNLESS OF COURSE IT IS TIPPED THROUGH A VERY SHARP ANGLE OR VIOLENTLY JOLTED.

IT IS MADE OF INEXPENSIVE MAN MADE MATERIALS THUS IT IS DISPOSABLE, ALSO IT CAN BE USED AS A CONTAINER IN WHICH LIQUIDS SUCH AS SOUP MAY BE REHEATED IN A MICROWAVE OVEN.

CLAIMS

A NON-TIP DRINK CUP OR MUG WHICH IS DESIGNED SO THAT IT WILL NOT TIP OVER UNLESS IT IS PLACED ON A SURFACE WHICH HAS SUCH A SHARP GRADIENT SO AS TO CAUSE THE CUP, BY VIRTUE OF GRAVITY TO SLIDE OFF, AND SUBSEQUENTLY TIP UP.

A NON-TIP CUP OR MUG WHICH IS MUCH WIDER IN ITS LOWER HALF THAN AT ITS TOP SO THAT ITS CENTRE OF GRAVITY IS VERY LOW

A NON-TIP DISPOSABLE CUP/MUG MADE OF MAN MADE AND INEXPENSIVE MATERIAL, E.G. POLYPROPYLENE OR EXPANDED POLYSTYRENE SUBSTANCES WHICH WILL HOLD HOT DRINKS SAFELY AND WHICH MAY ALSO BE USED TO HOLD LIQUIDS WHILST THEY ARE BEING REHEATED IN A MICROWAVE OR STORED UNDER REFRIGERATION



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3

Application No: GB 9609408.1
Claims searched: 1-3

Examiner: Gavin Dale
Date of search: 9 July 1996

Patents Act 1977
Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.O): A4A (AN, APH, AWA)

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B65D 1/26, 3/06

Other: Online: WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X	GB 1403193 (TUP!) See Fig 10	1-3
X	GB 0953018 (ROWAN) See Fig 2 and page 1 lines 8-16	1,2
X	US 4412644 (LA FEVER) See Fig 3 and column 1 lines 16-28	1,2
X	US 4408644 (SVANTESSON) See Fig 3	1-3
X	US 4190188 (OHMORI) See Fig 1, column 3 line 64 to column 4 line 4 and column 4 lines 36-37	1-3

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.